

Title (en)
ABRASIVE PARTICLE INCLUDING COATING, ABRASIVE ARTICLE INCLUDING THE ABRASIVE PARTICLES, AND METHOD OF FORMING

Title (de)
SCHLEIFTEILCHEN MIT BESCHICHTUNG, SCHLEIFMITTEL MIT DEN SCHLEIFPARTIKELN UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
PARTICULE ABRASIVE COMPRENANT UN REVÊTEMENT, ARTICLE ABRASIF COMPRENANT LES PARTICULES ABRASIVES, ET PROCÉDÉ DE FORMATION

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Abstract (en)
[origin: WO2021072293A1] An abrasive particle can include a coating overlying at least a portion of a core. In an embodiment, the coating can include a first portion overlying at least a portion of the core and a second portion overlying at least a portion of the core, wherein the first portion can include a ceramic material and the second portion can include a silane or a silane reaction product. In a particular embodiment, the first portion can consist essentially of silica. In another particular embodiment, the first portion can include a surface roughness of not greater than 5 nm and a crystalline content of not greater than 60%.

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